

Converting Colors

CIELCh(65, 11.044, 251.267)

Have a look what the booklet for
CIELCh(65, 11.044, 251.267)
contains.

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Color

CIELCh(65, 11.195, 251.927)

Conversions

Conversions Part 1

Format	Color
Hex	8CA0B0
RGB	140, 160, 176
RGB Percent	55%, 63%, 69%
CMY	0.4494, 0.3709, 0.3082
CMYK	0.20, 0.09, 0.00, 0.31
HSL	207°, 19%, 62%
HSV	207°, 20%, 69%
XYZ	31.4047, 34.0472, 46.2092
YIQ	155.8440, -17.0560, 0.7360

Conversions

Conversions Part 2

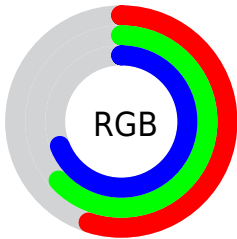
Format	Color
RYB	140, 153, 176
Decimal	9216176
CIELab	65.00, -3.47, -10.64
CIElCh	65, 11.195, 251.927
Yxy	34.0472, 0.2813, 0.3049
Android (android.graphics.Color)	4287406256 (0xFF8CA0B0)
YUV	155.8440, 9.9369, -13.8952
Hunter-Lab	58.3500, -6.0415, -6.1087

Details

The CIELCh color $65, 11.195, 251.927$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 12.031, 66.866$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 11.291, 251.702$, and $45, 11.370, 251.143$ is the 20% darker color. If you saturate the color by 10%, you get $62, 16.475, 253.656$, and if you desaturate by 10%, it is $68, 5.771, 250.497$.

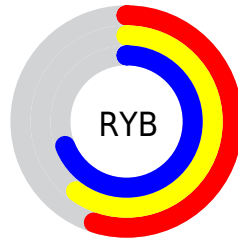
Distribution



Red (55%)

Green (63%)

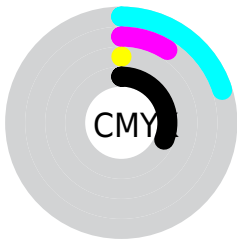
Blue (69%)



Red (55%)

Yellow (60%)

Blue (69%)

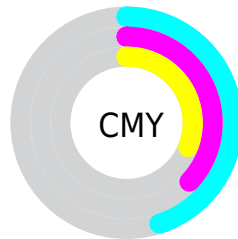


Cyan (20%)

Magenta (9%)

Yellow (0%)

Black (31%)



Cyan (45%)


Magenta (37%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 11.195, 251.927 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 65, 11.195, 251.927 by changing the saturation by 10% instead.


 65, 11.195,
251.927


 65, 11.195,
251.927


 100, 11.195,
251.927


 55, 11.195,
251.927


 85, 11.195,
251.927

 45, 11.195,
251.927

 95, 11.195,
251.927

 35, 11.195,
251.927

 25, 11.195,
251.927

 15, 11.195,
251.927

 5, 11.195, 251.927

 0, 11.195, 251.927

65, 11.195,
251.927

65, 11.195,
251.927

62, 16.475,
253.656

68, 5.771, 250.497

58, 21.582,
255.750

72, 0.236, 250.801

75, 5.379, 68.120

55, 26.492,
258.267

79, 11.047, 67.287

52, 31.199,
261.271

82, 16.745, 66.556

86, 22.455, 65.923

49, 35.722,
264.807

89, 25.750, 71.007

46, 40.121,
268.875

90, 27.314, 80.840

92, 29.593, 89.321

43, 44.488,
273.404

41, 48.786,

277.875

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65, 11.195, 251.927



66, 12.031, 66.866

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 11.195, 251.927



65, 11.195, 301.927



65, 11.195, 71.927



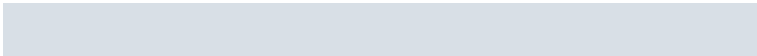
65, 11.195, 121.927

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65, 11.194, 251.920



89, 4.136, 249.992



69, 17.620, 158.552



47, 2.739, 250.059



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 11.194, 251.920



81, 16.224, 252.576



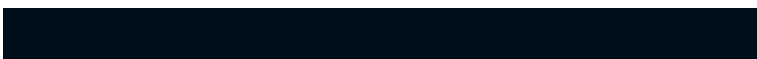
60, 18.993, 289.748



36, 3.172, 250.362



36, 43.482, 277.280



4, 8.388, 261.185

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62, 17.809, 342.430



77, 25.992, 342.801



71, 18.248, 105.300



35, 4.940, 341.459



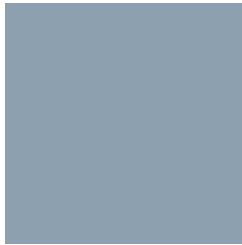
33, 58.796, 356.250



2, 10.969, 346.755

Previews

White Background



This preview shows how the CIELCh color 65, 11.195, 251.927 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 65, 11.195, 251.927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

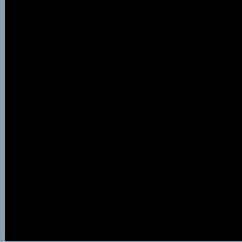
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

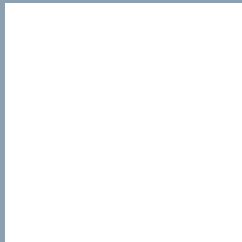
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 11.195, 251.927

Background



This preview shows how black text looks on a background with the CIELCh color 65, 11.195, 251.927.



This preview shows how white text looks on a background with the CIELCh color 65, 11.195, 251.927.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

65, 11.195, 251.927

Protanopia

65, 10.021, 289.160

Deuteranopia

65, 14.457, 306.216



Tritanopia
65, 10.235, 244.054

Trichromacy



Original Color
65, 11.195, 251.927

Protanomaly
65, 9.817, 274.093

Deuteranomaly
65, 11.687, 289.643

Tritanomaly
65, 10.606, 246.369

Monochromacy



Original Color
65, 11.195, 251.927

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 4.038, 242.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 11.195, 251.927 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(140, 160, 176)` looks like.

```
.text, #text, p{  
    color:rgb(140, 160, 176)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(140, 160, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 160, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 11.195, 251.927 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(140, 160, 176) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(140, 160, 176) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(140, 160, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 160, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 160, 176);  
box-shadow:4px 4px 4px 4px rgb(140, 160,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 11.195, 251.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 160, 176) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(140,  
160, 176) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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